



THE THIRD ANNOUNCEMENT

The 7th Multi-GNSS Asia (MGA) Conference

7th~10th December 2015, Brunei Darussalam
The Rizqun International Hotel, Sutra Hall, Floor 4th

Call for Presenters and Exhibitors

Please send abstract or detailed information
to the workshop secretariat. (ws@multignss.asia)
Your contribution is highly welcomed.

We are pleased to make 3rd announcement of the 7th Multi-GNSS Asia Conference will be held on 7th - 10th December 2015 in Brunei Darussalam.

- Multi-GNSS Asia Conference Information [Update](#)
- Session Scope [New](#)
- Draft Agenda [Update](#)
- Presentation(Oral / Poster) [New](#)
- Exhibition [New](#)
- Invite of experiment [New](#)
- Accommodation [New](#)
- Excursion [Update](#)

Brunei Darussalam – The Abode of Peace - is located in the heart of ASEAN. Equipped with rich natural resources it ranks 5th in per capita GDP*1. Beyond its traditional industry in petrochemicals Brunei Darussalam has been promoting a diversification of its economy. The usage of GNSS and other GeoSpatial solutions is expected to increase productivity and efficiency.

We look forward to seeing you in Brunei Darussalam.

Sincerely,

MGA Conference Secretariat

*1 Source: US business publication, Global Finance Magazine



About MGA

Multi GNSS Asia (MGA) is an organization to promote multiple GNSS constellation's application in Asia Oceania region under United Nation International Committee on GNSS. Currently Multi-GNSS Asia (MGA) Member has increased to 46 organizations, and 23 collaborative experiments of Multi-GNSS use were endorsed by MGA Steering Committee. And 86 stations of "Multi-GNSS Monitoring Network (MGM-net)" to track and monitor Multi-GNSS signals have started of operation. We made MGA Annual Report briefing our activities. The document download is available from following URL. We would appreciate if you refer to the report.

www.multignss.asia/campaign.html

Multi-GNSS Asia Conference Information

Date:	7th - 10th December 2015
Place:	Bandar Seri Begawan, Brunei Darussalam
Venue:	The Rizqun International Hotel, Bandar Seri Begawan, Brunei Darussalam http://www.rizquninternational.com/
Participation:	There is NO participation fee to participate in, or contribute to this Conference.
Seating Capacity:	Seating capacity is limited to 200 people. Note that the registration for the MGA Conference will be accepted on a first-come-first-served basis.
Registration:	For the registration, please access "Registration for the MGA Conference" on Conference Web page. (http://www.multignss.asia/workshop.html) Please complete your registration online no later than 20 November 2015. The secretariat will send you a confirmation email after your on-line registration is accepted. You will be able to receive the name tag and meeting materials smoothly at the on-site registration desk, if you present the printed confirmation email.
Inquiries:	If you have any inquiries concerning the MGA Conference, please contact to: Kazutoshi Satoh (Dr.), Sachi Kawamoto (Ms.), Kenji Shimogama (Mr.) MGA Conference Secretariat c/o Japan Aerospace Exploration Agency (JAXA) 2-1-1 Sengen, Tsukuba, Ibaraki, 305-8505 Japan email: ws@multignss.asia
Further Info.:	http://www.multignss.asia/workshop.html



Session Scope

WG-A: Precise Positioning (Prof. Noboru Noguchi, Hokkaido Univ.)

“Precise Positioning” Working Group (WG) aims to bring together scientists, engineers, students and others working in the GNSS related area around the world to share their latest results in terms of GNSS applications. In particular, the WG focuses on precise positioning applications in terms of agriculture, mining, construction, surveying, etc. The technologies addressed in the WG include precision agriculture, machine control, automation, and robotics.

The WG discussion will provide an opportunity for learning the state-of-the-art and to discuss past achievements; and also give future directions in precise positioning by multi-GNSS.

WG-B: Disaster Mitigation and Management (Prof. Teruyuki Kato, Univ. of Tokyo)

This session tries to discuss how multi GNSS contribute to mitigate and manage natural disasters, as Asia is a showcase of natural disasters such as earthquakes, volcanic eruptions, landslides, floods, etc. Central interest of the session is how multi GNSS can sense ground motion, sea surface variations, atmospheric and ionospheric disturbances, as precise as possible in real time. Moreover, effective system of disaster mitigation and management based on thus obtained data should be prepared for the expected natural disasters. Innovative science and technology are necessary for such system. Presentations on any idea, plan or on-going project for disaster mitigation and management are welcome.

WG-C: Intelligent Transportation System (Mr. Satoshi Kogure, JAXA)

Many countries in Asia Pacific region are facing heavy traffic congestion issue due to concentration of the population in large cities. We can see huge traffic jams in Bangkok, Jakarta, Hanoi, Manila and other mega cities in the region and it causes air pollution, increment of CO2 emission. ITS WG will discuss how GNSS and its related technologies could contribute to mitigate this kind of problem. Some actual experiment results such as Probe car/motorcycle for traffic information gathering in Bangkok, road pricing based on GNSS in Singapore are to be shared and further demonstration idea and opportunity will be planned among participants. In addition, ITS World Congress 2016 will be held in Melbourne. The WG can be a good opportunity to talk about the demonstration or presentation idea at the event as well.



Industrial Session/ GNSS.asia South East Asia Industry Seminar

Context

As several Global Navigation Satellite Systems (GNSS) are emerging and multi-GNSS applications are rapidly gaining importance, international collaboration in the GNSS scene has become vital. GNSS.asia, financed under the EU Horizon 2020 Framework Programme for Research and Innovation, provides a comprehensive range of hands-on support services to GNSS industry enterprises in Europe and the Asia-Pacific region, assisting them to develop mutually beneficial commercial activities and establish concrete industrial collaboration. Aimed at stimulating cooperation between European and Asia-Pacific GNSS industry, this GNSS.asia South East Asia Industrial Seminar encompasses presentations by key industry players and institutional actors from both the EU and Asia-Pacific.

Objectives

- Highlight international cooperation opportunities in (multi-)GNSS
- Present applications for challenges specific for South East Asia
- Showcase examples of GNSS entrepreneurship (GNSS.asia Challenge)
- Present international cooperation possibilities via the GNSS.asia platform
- Provide details about upcoming GNSS.asia events
- Provide unique network opportunities with key GNSS companies

Geospatial Challenges in the Asia-Pacific Region

Context

Traditionally, technologies such GNSS, geoinformation, remote sensing and mapping have been considered standalone domains. Today, however, increasingly demanding user requirements and diverse accuracy needs have rapidly pushed for the development of integrated geospatial applications. In parallel to this evolution, the ecosystem of application areas has swiftly broadened as well, stretching far beyond traditional domains such as surveying or land management. This new generation of geospatial applications can play a key role in addressing challenges faced simultaneously by numerous countries in the Asia-Pacific region, in areas such as climate change, disaster management, agriculture, infrastructure management or the exploitation of natural resources.

Objectives

- Showcase examples of geospatial applications and their potential in addressing challenges specific to the Asia-Pacific region



- Explore opportunities for international cooperation between geospatial stakeholders, both regional and cross-continental
- Facilitate networking and stimulate exchange between public institutions, industry, research institutes and user community in the geospatial domain
- Offer an international platform for the exchange of best practice in a broad set of domains and application areas



Draft Agenda

*There's a possibility that agenda may be modified.

Monday, 7th December :

13:00-17:00	1. Industrial Session/ GNSS.asia South East Asia Industry Seminar <ul style="list-style-type: none"> · Industrial Cooperation Across Continents · new products and services from industry 2. Latest trends in GNSS Technology 3. GNSS Tutorial Session (Parallel Session)
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Tuesday, 8th December :

8:30-10:00	4. Opening Session <ul style="list-style-type: none"> · Welcome Speech · Keynote Speech
10:30-12:00	5. What's new about GNSS
14:00-15:30	6. Multi-GNSS Network Session 7. GNSS Application Session
16:00-18:00	8. Status Report of the Multi-GNSS Joint Experiments
20:00-22:00	Reception (Hosted by QSS) <ul style="list-style-type: none"> · GNSS.asia challenge award ceremony

Wednesday, 9th December :

8:00-8:30	9. MGA Membership Forum (Only MGA members)
8:30-9:00	10. Guidance
9:00-10:30	11. Discussion Session 1 (Two sessions will be held on this time.)*
10:30-12:00	12. Discussion Session 2 (Two sessions will be held on this time.)*
13:00-16:30	13. GeoSpatial Challenges in the Asia-Pacific Region
16:30-17:30	14. Closing Session

* Discussion session is now under consideration.

Thursday, 10th December :

9:00-16:00	15. Excursion (The details is under development) (Hosted by Survey Department of the Ministry of Development in Brunei Darussalam)
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Presentation(Oral / Poster)

We hope that participants will make presentations on the proposal for Network Collaboration Project and Multi-GNSS Application, the plan for Multi-GNSS Demonstration Campaign in the Asia Oceania Region, or the result of demonstration experiment on Multi-GNSS Application.

Presentation Style

A)Oral(English)

Tuesday, 8th December :

14:00-15:30	6. Multi-GNSS Network Session 7. GNSS Application Session
16:00-18:00	8. Status Report of the Multi-GNSS Joint Experiments

Wednesday, 9th December :

9:00-12:00	11. Discussion Session 1 (Two sessions will be held on this time.)*
10:30-12:00	12. Discussion Session 2 (Two sessions will be held on this time.)*

Presentation time : 15min including discussion

B)Poster(English)

Poster display and presentation in core time on 8th December 12:00-14:00. Drawing / painting must be made on paper of A1 size (594 x 841 mm) at maximum.

If you wish to make an oral/poster presentation, please send an abstract form (Appendix1) to the conference secretariat (ws@multignss.asia) by **20 November, 2015**.

The Secretariat will let you know if you can make a presentation as you wish with the detail agenda. Your presentation file at the conference will be opened on the official website for the conference participants. The abstract will be uploaded on the conference Web page and everyone can download it. Please download the necessary abstract.

Your contribution is highly welcomed.

Exhibition

The exhibition will be provided to display posters, pamphlets and demonstration devices in this conference. You can have a presentation in core time on 8th December 12:00-14:00.

Space : 45×90cm on the Desk & Poster Display Space (Poster size is A1 (594 x 841 mm) at maximum.)

Exhibition Fee: Free of Charge

Capacity : 10 organizations



Application Procedure : Please send an application form (Appendix2) to the conference secretariat, ws@multignss.asia by **20 November, 2015**.

The conditions of venue for positioning demonstration is not good. We recommend you prepare the dry-run data.

Invite of experiment

Please check the latest information on MGA website.

Accommodation

Please use the Accommodation form (Appendix3,4). We inform the following hotels.

We recommend you reserve The Rizqun International Hotel, because Brunei is inconvenient in terms of public transportation.

If you have any inquiries, please contact the hotel directly.

The Rizqun International Hotel http://www.rizquninternational.com/	The venue of MGA conference. Please use the Accommodation form (Appendix3)
The Centrepoint Hotel http://www.thecentrepointhotel.com/	Please use the Accommodation form (Appendix3)
The Empire Hotel & Country club Brunei http://www.theempirehotel.com/	Transportation between The Empire Hotel and the venue (The Rizqun International Hotel) will be provided by the co-organizers every morning and evening. This seating capacity is limited. Please use the Accommodation form (Appendix4)

Excursion

The excursion is hosted by the Survey Department of the Ministry of Development in Brunei Darussalam. The details of excursion is under development. Please check the latest information on MGA website.



Website Link

Name of Organisation/Project	Website
Host	
Building European Links toward South East Asia in the field of EGNSS (BELS)	http://www.belsproject.eu/
GNSS.asia	http://www.gnss.asia/
Japan Aerospace Exploration Agency (JAXA)	http://global.jaxa.jp/
QZS System Services Inc. (QSS)	http://qzss.go.jp/en/
Satellite Positioning Research and Application Center (SPAC)	http://www.eiseisokui.or.jp/en/
Soartech Systems Sdn Bhd	http://www.soartechsystems.com/
Survey Department of the Ministry of Development	http://survey.gov.bn/
Support	
Brunei Economic Development Board (BEDB)	http://www.bedb.com.bn/
Brunei Tourism Board	http://www.bruneitourism.travel/
International GNSS Service (IGS)	https://igsceb.jpl.nasa.gov/
International Committee on GNSS (ICG)/ United Nations	http://www.unoosa.org/oosa/en/ourwork/icg/icg.html
Ministry of Industry and Primary Resources	http://www.bruneimipr.gov.bn/

* in alphabetical order